

Title (en)
TUBE JOINING DEVICE

Title (de)
ROHRVERBINDUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ASSEMBLAGE DE TUBES

Publication
EP 3603734 A4 20210106 (EN)

Application
EP 18772147 A 20180316

Priority
• JP 2017059278 A 20170324
• JP 2018010537 W 20180316

Abstract (en)
[origin: EP3603734A1] [Object] To provide a tube joining device in which the degree of freedom of device design is improved.[Solving Means] A tube joining device 1 includes a delivery mechanism 500. The delivery mechanism includes a first pusher member 542 that is provided to perform forward movement and backward movement along a delivery direction and delivers a wafer WF to a first position PS2 that is set between a take-out position PS1 at which the wafer WF is taken out from a cassette WC and a stand-by position PS3, and a second pusher member 543 that is provided to perform forward movement and backward movement along the delivery direction in combination with the first pusher member, and delivers the wafer from the first position to the stand-by position. An operation of delivering the wafer by the first pusher member is capable of being switched to an operation of delivering the wafer by the second pusher member in synchronization with forward movement and backward movement of the first pusher member and the second pusher member.

IPC 8 full level
B29C 65/20 (2006.01); **A61M 1/28** (2006.01); **A61M 39/14** (2006.01); **A61M 39/18** (2006.01); **B29C 65/78** (2006.01); **B29K 27/06** (2006.01)

CPC (source: EP US)
A61M 1/28 (2013.01 - EP); **A61M 39/146** (2013.01 - EP); **A61M 39/18** (2013.01 - EP); **B29C 65/18** (2013.01 - US); **B29C 65/203** (2013.01 - EP); **B29C 65/2046** (2013.01 - EP); **B29C 65/2076** (2013.01 - EP); **B29C 65/30** (2013.01 - EP); **B29C 65/743** (2013.01 - US); **B29C 65/7802** (2013.01 - EP US); **B29C 65/7841** (2013.01 - EP); **B29C 66/0018** (2013.01 - EP); **B29C 66/002** (2013.01 - EP); **B29C 66/1142** (2013.01 - EP); **B29C 66/5221** (2013.01 - EP US); **B29C 66/7373** (2013.01 - EP); **B29C 66/73921** (2013.01 - EP); **B29C 66/8167** (2013.01 - EP); **B29C 66/81812** (2013.01 - EP); **B29C 66/857** (2013.01 - EP); **B29C 66/8618** (2013.01 - EP); **B29C 66/8748** (2013.01 - EP); **B29C 66/90** (2013.01 - US); **B29C 66/91921** (2013.01 - EP); **B29C 66/9672** (2013.01 - EP); **B29C 66/9674** (2013.01 - EP); **A61M 1/285** (2013.01 - EP); **A61M 2205/3368** (2013.01 - EP); **A61M 2205/3372** (2013.01 - EP); **A61M 2205/36** (2013.01 - EP); **A61M 2205/6081** (2013.01 - EP); **A61M 2207/10** (2013.01 - EP); **B29C 66/71** (2013.01 - EP); **B29L 2023/00** (2013.01 - US)

C-Set (source: EP)
B29C 66/71 + B29K 2027/06

Citation (search report)
• [A] JP 2013150673 A 20130808 - TERUMO CORP
• [A] JP 2015136576 A 20150730 - TERUMO CORP
• [A] WO 2005000565 A1 20050106 - TERUMO CORP [JP], et al
• See also references of WO 2018173957A1

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